

FORM PTO-1390 REV. 2/01T		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 08940.0019	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37CFR1.5) <b>10/516605</b>	
INTERNATIONAL APPLICATION NO. PCT/US2003/034811		INTERNATIONAL FILING DATE October 31, 2003		PRIORITY DATE CLAIMED November 1, 2002	
TITLE OF INVENTION STEM CELL LIBRARIES					
APPLICANT(S) FOR DO/EO/US Hongbing ZHANG, Lewis T. WILLIAMS, Ketting CHU, and Fred COHEN					
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C 371.				
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.				
3.	<input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.				
4.	<input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).				
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).				
	a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).				
	b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.				
	c. <input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US).				
6.	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).				
	a. <input type="checkbox"/> is attached hereto.				
	b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4).				
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).				
	a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).				
	b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.				
	c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.				
	d. <input type="checkbox"/> have not been made and will not be made.				
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).				
9.	<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).				
10.	<input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).				
Items 11 to 20 below concern document(s) or information included:					
11.	<input type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98				
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13.	<input type="checkbox"/> A <b>FIRST</b> preliminary amendment.				
14.	<input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.				
15.	<input type="checkbox"/> A Substitute specification.				
16.	<input type="checkbox"/> A change of power of attorney and/or address letter.				
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.				
18.	<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d)(4).				
19.	<input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).				
20.	<input checked="" type="checkbox"/> Other items or information:				
	a. <input checked="" type="checkbox"/> Copy of cover page of International Publication No. WO 2004/042023 A3				
	b. <input type="checkbox"/> Copy of Notification of Missing Requirements.				
	c. <input type="checkbox"/>				

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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b>		CALCULATIONS PTO USE ONLY	
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....		\$1110.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....		\$950.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search fee (37 CFR 1.445(a)(2)) paid to USPTO .....		\$790.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....		\$750.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) .....		\$100.00	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$750.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30    \$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	288	- 20 =	x \$18.00
Independent Claims	27	-3 =	x \$88.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+\$300.00	
		<b>TOTAL OF THE ABOVE CALCULATIONS =</b> \$750.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$	
		<b>SUBTOTAL =</b> \$750.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30    \$	
		<b>TOTAL NATIONAL FEE =</b> \$750.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		\$ +	
		<b>TOTAL FEES ENCLOSED =</b> \$750.00	
		Amount to be refunded:	\$
		charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>750.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 1300 I Street, N.W. Washington, D.C. 20005-3315		 SIGNATURE Ernest F. Chapman Reg. No. 25,961 NAME/REGISTRATION NO.	
DATED: December 3, 2004			